

For Immediate release

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Samec's latest innovation in End-Of-Arm Tooling presented at EuroBlech 2016

Samec proposes a simple system, the Octopus Grip®, for a complex manufacturing process like the robotized sheet metal stamping. This End-Of-Arm Tooling with its quick ball coupling is the ideal answer for a gradual change towards Industry 4.0 and its challenges.

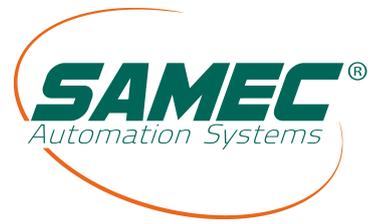
Turin, Italy, December, 2016. Small and medium-sized enterprises (SMEs) that are not capable, and are not willing to discard everything they already have and switch to a new production model, facing the Fourth Industrial Revolution, have now a solution. Samec's Octopus Grip®, that was presented in October during its participation at EuroBlech 2016. Participation that was later covered by Carolina Sarpi in the december issue of TECN'È magazine.

The production processes related to the sheet metal working are becoming more complex and require solutions that are highly efficient and flexible. Companies in the industry are facing major changes that require important decisions to be made in order to adapt their production processes in the long term and stay competitive. Even when Industry 4.0 opens the road for more efficient production processes, many SMEs are not able to invest the financial resources needed and radically change their already-existing production processes.

"Most of the companies we deal with are small and medium-sized enterprises, they are not capable and do not want to make a clean sweep of everything they already have to suddenly convert to a new production model. What we propose (and what we have also implemented in-house) is a gradual change, that is going to improve what is already there. Our proposal raised a lot of interest both from the OEMs and from their first-tier and second-tier suppliers, because it responds to real needs, in an immediate way and without disrupting what already exists in the various production companies", says Nicola Scarlattelli, Sole Director of Samec Automation Systems, in an interview with Cristina Sarpi from TECN'È magazine. "In this context of improvement of what is already there we created the Octopus Grip, a new system for the robotized sheet metal handling."

The innovation of the Octopus Grip is in its octagonal-shaped main boom, made of aluminum and specifically studied to be highly resistant to deflections/vibrations. This arm is attached to the wrist of the robot and is equipped with two or four patented quick ball coupling systems. These systems allow the reconfiguration of the robot grips by simply changing their end parts, the "tentacles" of the octopus, that can be easily unhooked and placed close to the robot by a single operator on a vertical warehouse, allowing for time savings in tools changing and storage space savings.

It was a reconfiguration of the Octopus Grip® that served as a support for the octagonal glass tables that welcomed visitors to Samec Automation Systems booth, in Hall 27. Together with the tables, the rest of the furnishing was built up by keeping in mind the "Transparency" concept, a core value to the company: from the transparent front desk made of plexiglass, to the chairs made of transparent polycarbonate.



“Despite being a booth with only one open side, we wanted to welcome our guests with ‘open arms’, letting them enter our company in a totally transparent manner. And I would say that we succeeded,” furtherly adds Nicola Scarletelli in his interview with Carolina Sarpi.

About Samec Automation Systems

Samec specializes in the manufacturing of Modular Tooling Systems for Transfer Presses and End-of-Arm Tooling systems for Robot Grips used for sheet metal handling during the stamping processes. More than 2000 applications produced since 1974 are proof of Samec’s knowledge, expertise, motivation, transparency and employees’ engagement in developing the most suitable and profitable solutions for its clients.

For more information about the company please visit <http://www.samecsrl.com/en/>